

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL TO CHANGE THE SIGNAL PHASING ON 94TH STREET FROM CONCURRENT PHASING TO SPLIT PHASING AT THE INTERSECTION OF MD 528 AND 94TH STREET IN WORCESTER COUNTY. MD 528 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THIS INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE FULL-TRAFFIC-ACTUATED MODE WITH AN ALTERNATE PEDESTRIAN PHASE FOR THE NORTH AND SOUTH LEGS OF THE INTERSECTION. MD 528 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. THE MD 528 LEFT TURNS OPERATE IN EXCLUSIVE-PERMISSIVE PHASING. 94 STREET OPERATES IN A SIDE STREET SPLIT PHASE.

EQUIPMENT LIST FOR CONTRACT NO. XX6615185

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR.

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8001	16	EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION

C. EQUIPMENT TO BE REMOVED.

ALL EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.

CONTACTS

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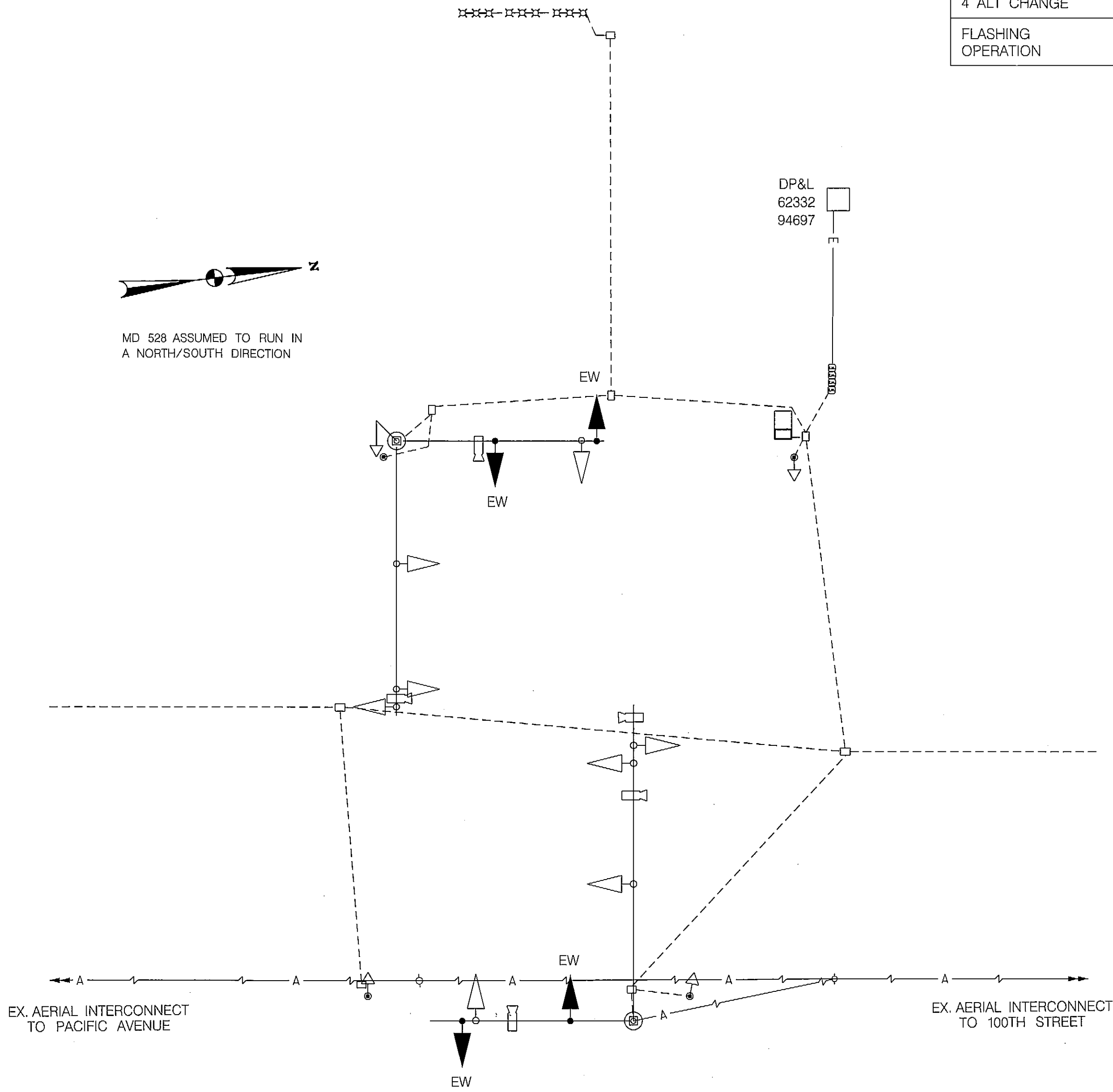
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PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 AND 5	←G/R	←G/R	R	←G/R	←G/R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	←G/G	←G/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 CHANGE	←Y/G	←Y/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 5	R	R	R	←G/G	←G/G	G	R	R	R	R	R	R	DW	DW	DW	DW
5 CHANGE	R	R	R	←Y/G	←Y/G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW
PHASE 3 ALT	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	DW	DW	FL/DW	FL/DW
3 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	WK	WK	DW	DW
PED CLEARANCE	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	FL/DW	FL/DW	DW	DW
4 ALT CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK



TOD NO: XX661-47
SHA NO: WO209B5E
MD 528 @ 94th Street

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 528 (COASTAL HIGHWAY)
AND 94TH STREET
OCEAN CITY, MD

GENERAL INFORMATION PLAN SHEET

SCALE NONE ADVERTISED DATE 04/2013 CONTRACT NO. XX6615185

DESIGNED BY FW COUNTY WORCESTER
DRAWN BY CW LOGMILE 23052802.97
CHECKED BY RM TMS NO. L847
F.A.P. NO. TOD NO.

TS NO. I270-I DRAWING GI-1 OF 1 SHEET NO. 2 OF 2

BAI

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PLOTTED: Monday, April 22, 2013 AT 02:35 PM
FILE: P:\00-002 TEDD\Task 119 MD 528 @ 94th St\Drawings\CADD\Working\p803-P003_M528@94th.dgn

BY: fanvong -